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INTERNATIONAL SEARCH REPORT

In International Application No
PCT/IB 02/02292A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B66B11/02 B66B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B66B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 985 628 A (TOKYO SHIBAURA ELECTRIC CO) 15 March 2000 (2000-03-15) abstract; figures	1
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09, 4 September 2002 (2002-09-04) & JP 2002 128433 A (MITSUBISHI ELECTRIC CORP), 9 May 2002 (2002-05-09) abstract	2
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 04, 4 August 2002 (2002-08-04) & JP 2001 341950 A (MITSUBISHI ELECTRIC CORP), 11 December 2001 (2001-12-11) abstract; figures	2



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

4 March 2003

Date of mailing of the International search report

11/03/2003

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
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		CN 1246437 A		08-03-2000
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		KR 2000022841 A		25-04-2000
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JP 2001341950	A 11-12-2001	NONE		